



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 4471

SERIAL NUMBER 10/617,958	FILING DATE 07/11/2003  RULE	CLASS 257	GROUP ART UNIT 2818	ATTORNEY DOCKET NO. 5649-1114
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

## APPLICANTS

Horii Hideki, Seoul, KOREA, REPUBLIC OF; TTN

\*\* CONTINUING DATA \*\*\*\*\* TTN

\*\* FOREIGN APPLICATIONS \*\*\*\*\* YES TTN  
REPUBLIC OF KOREA 2002-49137 08/20/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/14/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature: [Signature] Initials: TTN	KOREA, REPUBLIC OF	18	20	2

## ADDRESS

20792  
MYERS BIGEL SIBLEY & SAJOVEC  
PO BOX 37428  
RALEIGH , NC  
27627

## TITLE

Phase changeable memory devices having reduced cell areas

FILING FEE  RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---